Docket No. PDC/696 PO2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application Commissioner of Patents and Trademarks Washington, D.C. 20231

Re: Inventor(s): -- Alexander Kadishevitch, Dror Shemesh, Yaniv Brami, Dmitry Shur -----

Title: ____ Specimen Current Mapper____

Transmitted herewith is the patent application identified above, including:

- X Specification, claims and abstract, totaling 32 pages.
- X Drawings totaling 7 pages, Formal X Informal.
- X Executed Declaration and Power of Attorney.
- X Assignment of the invention to Applied Materials Israel Ltd
- X Assignment Recordation Cover Sheet

Information Disclosure Statement and Form 1449 along with copies ____ references recited therin

Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	38	-20=18	18	X\$18.00	\$324.00
Independent Claims	4	-3=1	1	X\$84.00	\$84.00
Basic Filing Fee \$750.00					\$750.00

- XX The Commissioner is hereby authorized to charge \$000000000 to Deposit Account No. 50-1074.
- XX The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074. A duplicate copy of this transmittal is enclosed.
- XX Please address all future correspondence to:

PATENT COUNSEL
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O. BOX 450A
Santa Clara, CA. 95052

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Express Mail Receipt No. EV341110030 U.S

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Date of Deposit

Respectfully submitted,

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Robert W. Mulcally

Registration No. 25,436